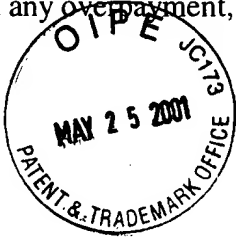The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 17-0026.
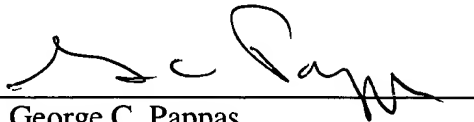
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Technology Center 2600

Respectfully submitted,

Dated: _____May 21, 2001_____

By: _____

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION

Please amend the specification by substitution, as follows:

<u>Page 1, lines 6-17</u>:

The following U.S. Patent Applications filed concurrently herewith are related to this application and are hereby incorporated by reference in their entirety: REACQUISITION AND HANDOFF IN A SLOTTED MODE COMMUNICATION SYSTEM, U.S. Patent Application Serial No. <u>09/540,801</u> [_ _ _ _ _ _ _ _ _ _ _ _ (Attorney Docket No. QUALB.008A; Qualcomm Reference No. 990249)]; EFFICIENT SEARCHING BY A REMOTE UNIT IN A SLOTTED MODE COMMUNICATION SYSTEM, U.S. Patent Application Serial No. <u>09/540,800</u> [_ _ _ _ _ _ _ _ _ _ _ _ (Attorney Docket No. QUALB.009A; Qualcomm Reference No. 990250)]; PRIORITIZATION OF SEARCHING BY A REMOTE UNIT IN A SLOTTED MODE COMMUNICATION SYSTEM, U.S. Patent Application Serial No. <u>09/540,802</u> [_ _ _ _ _ _ _ _ _ _ _ _ (Attorney Docket No. QUALB.010A; Qualcomm Reference No. 990251)].

IN THE CLAIMS

Please amend claims 6, 7, 9-12, and 16-18 by substitution, as follows:

6.   (Amended) The wireless communication system of Claim [1] <u>5</u> wherein a number of non-coherent passes in the set of course search parameters is less than in the set of fine search parameters.

7.   (Amended) The wireless communication system of Claim [1] 5 wherein an integration interval in the set of course search parameters is less than in the set of fine search parameters.

9.   (Amended) The wireless communication system of Claim [1] 8 wherein a number of non-coherent passes in the course search is less than in the fine search.

10.   (Amended) The wireless communication system of Claim [1] 8 wherein an integration interval in the course search is less than in the fine search.

11.   (Amended) The wireless communication system of Claim [1] 8 wherein if, during the course search, sufficient energy is detected at a first offset corresponding to a first PN encoded pilot signal of a first base station, a first fine search parameter is selected to specify an expected range of PN offsets over which the first PN encoded pilot signal is likely to be received.

12.   (Amended) The method of Claim [1] 11 further comprising storing all measured signal levels identified during the coarse search which exceed a threshold level and a corresponding PN offsets.

16.   (Amended) The method of Claim [1] 15 wherein during the coarse search, a number of non-coherent passes is reduced in comparison with the second search.

17.   (Amended) The method of Claim [1] 15 wherein during the coarse search, an integration interval is reduced in comparison with the fine search.

18.   (Amended) The method of Claim [1] 15 wherein if, during the coarse search, sufficient energy is detected at a first offset corresponding to a first PN encoded pilot signal of a first base station, a first fine search parameter is selected to specify an expected range of PN offsets over which the first PN encoded pilot signal is likely to be received.